

## ER-2 #809 12/03/15

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 16-9022

Payload Configuration: AMPR, CPL, eMAS, HIWRAP and EXTRAD

Nav Data Collected: Yes

Total Flight Time: 3.4 hours

Submitted by: Charles E. Irving on 12/03/15

Flight Segments:

From:	TCM	To:	TCM
Start:	12/03/15 14:08 Z	Finish:	12/03/15 17:33 Z
Flight Time:	3.4 hours		
Log Number:	<a href="#">162003</a>	PI:	David Starr
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	<p>Flight 16-9022 was the fifth science mission from KTCM with AMPR, CPL, eMAS, HIWRAP and EXTRAD. Flight took off on time from KTCM at 1308 local and landed in KTCM at 1733 local (3.4 hours). Tim Williams was the pilot. The ER-2 and DC-8 flew a combined sortie today observing Approaching vigorous storm system with strong warm advection and cold frontal passage late. The primary object was to sample data in conjunction with a GPM overpass at 1522 UTC. All objectives were met. No in-flight instrument failures were noted by aircrew, however post-flight troubleshooting on some AMPR channels is required; Will not impact next flight, but potentially requiring extended time during next down day.</p>		

Flight Hour Summary:

	<b>162003</b>
Flight Hours Approved in SOFRS	70
Total Used	70
Total Remaining	0

### 162003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">11/10/15</a>	16-9016	Check	2.3	2.3	67.7	
<a href="#">11/16/15</a>	16-9017	Transit	2.7	5	65	
<a href="#">11/18/15</a>	16-9018	Science	6.6	11.6	58.4	
<a href="#">11/23/15</a>	16-9019	Science	8.2	19.8	50.2	
<a href="#">11/24/15</a>	16-9020	Science	7.1	26.9	43.1	
<a href="#">12/01/15 - 12/02/15</a>	16-9021	Science	5.1	32	38	
<a href="#">12/03/15</a>	16-9022	Science	3.4	35.4	34.6	
<a href="#">12/04/15</a>	16-9023	Science	7	42.4	27.6	
<a href="#">12/05/15</a>	16-9024	Science	4	46.4	23.6	
<a href="#">12/08/15 - 12/09/15</a>	16-9025	Science	3	49.4	20.6	
<a href="#">12/10/15</a>	16-9026	Science	5.8	55.2	14.8	
<a href="#">12/12/15</a>	16-9027	Science	4.1	59.3	10.7	
<a href="#">12/13/15 - 12/14/15</a>	16-9028	Science	8	67.3	2.7	
<a href="#">12/15/15</a>	16-9029	Ferry	2.7	70	0	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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NASA Official: Bruce A. Tagg

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